



line 7, change "No. \_\_\_\_\_" to --No. 09/177,712--;

line 9, change "\_\_\_\_\_ (Attorney" to --09/178,130 (Attorney--;

line 11, change "No. \_\_\_\_\_" to --No. 09/178,271--;

line 13, change "\_\_\_\_\_ (Attorney" to --09/178,178 (Attorney-- and

+ line 15, change "No. \_\_\_\_\_" to --No. 09/177,415--.

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Page 13,

line 12, change "Number \_\_\_\_\_" to --Number 60/105,326--; and

line 15, change "\_\_\_\_\_, the" to --October 23, 1998, the--.

IN THE CLAIMS:

Please amend claims 1, 2, 4, 9-11, 15, and 17 as follows:

1. (Amended) A communication system for interacting with a switched circuit network and for providing multiple line appearances at a terminal of a computer network, the system comprising:

a gateway in communication with the switched circuit network, the gateway being operative to translate switched circuit network-compatible signals into computer network-compatible signals; and

a signal routing agent in communication with the gateway and with one or more terminals, the signal routing agent being operative to receive plural incoming calls from the gateway addressed to a selected one of the terminals and programmed to simultaneously transmit plural line appearance signals corresponding to the incoming calls to the selected terminal.

Attendant

A<sup>1</sup>

2. (Amended) The system of claim 1, wherein said terminal includes a user interface configured to simultaneously display multiple line appearance messages corresponding to the incoming calls and received from the signal routing agent.

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A<sup>2</sup>

4. (Amended) The system of claim 1 further including:  
a configuration database storing terminal information; and wherein:  
the signal routing agent is responsive to receipt of an incoming call addressed to one of the terminals to access the configuration database, [determine the corresponding terminals] identify one or more terminals to receive line appearances for the incoming call, and to transmit a line appearance message to the [appropriate terminal or] identified one or more terminals.

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A<sup>3</sup>

9. (Amended) A communication system for mapping a single incoming call concurrently to plural terminals of a computer network, the system comprising:  
a signal routing agent;  
a gateway adapted to receive the incoming call, the gateway being operative to translate the incoming call into computer network-compatible signals;  
at least one gatekeeper in communication with the gateway and responsive to receipt of the incoming call to control the gateway to transmit the computer network-compatible signals to the signal routing agent; and  
the signal routing agent being responsive to receipt of the computer network-compatible signals to [determine the] identify corresponding ones of the terminals assigned to receive the

computer network-compatible signals and to transmit line appearance messages to each of the [respective] terminals.

10. (Amended) The system of claim 9 further including:

a configuration database storing data associating numbers of incoming calls to corresponding terminals; and wherein:

the signal routing agent is programmed to access the configuration database to identify the [appropriate] terminals.

11. (Amended) The system of claim 9 further including:

a second gatekeeper, said at least one gatekeeper being in communication with the gateway and said second gatekeeper being in communication with said at least one gatekeeper, the signal routing agent, and the [respective] terminals.

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15. (Amended) A method of concurrently displaying plural line appearances at a terminal end-point in a computer network, comprising the steps of:

receiving plural incoming calls [addressed] directed to a particular [number] address;  
accessing a configuration database to [determine the] identify at least one end-point [or end-points] associated with the [addressed number] address;

transmitting plural line appearance signals to each of the [associated] end-points; and

displaying the plural line appearances at each [terminal end-point] of the end-points.

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